

Birds of Western Ontario.—Messrs. Morden and Saunders have recently published a briefly annotated 'List of the Birds of Western Ontario,'* based on observations "made at and near Hyde Park, London, Mitchell's Bay, Point Pelee, and Lucknow," and numbering 236 species. The list has evidently been prepared with much care and forms a valuable addition to our knowledge of the distribution of Canadian birds. Among southern species included we note the Swallow-tailed Kite, the Cardinal Grosbeak, the Blue-gray Gnatcatcher, Hooded Warbler, Mocking Bird, Rough-winged Swallow, Turkey Buzzard, Avocet, Great White Egret, Glossy Ibis, etc.; and among northern species the Bohemian Waxwing, Evening Grosbeak, both species of Three-toed Woodpeckers, the Cinereous Owl, Hawk Owl, etc. Comparison with Mr. McIlwraith's well-known excellent list of the birds of Hamilton, Ont., published in 1866, shows that, while it contains 5 species less than that, it includes 19 not enumerated in the Hamilton list.

In this connection attention should be called to Mr. McIlwraith's recent interesting collation of the two lists,† his article forming an instructive commentary on the general subject, and at the same time a supplement to his own earlier list, he adding 7 species not contained in either of the two lists here under notice, raising the number of species thus far noted in Western Ontario to 260.—J. A. A.

Minor Ornithological Publications.‡—The 'American Naturalist,' Vols. XV (1881), XVI (1882), XVII (1883), contains (besides various extracts from 'Forest and Stream,' 'Ornithologist and Oölogists,' and other journals) the following original notes and articles (Nos. 455-503):—

455. *Habits of the English Sparrow in the United States.* By Henry Gillman. *Amer. Nat.*, XV, pp. 139, 140.

456. *Migrations of the Sand-Hill Crane.* By F. E. L. Beal. *Ibid.*, XV, pp. 141, 142.

457. *A Collector's Notes on the Breeding of a few Western Birds.* By E. [=G.] Holterhoff, Jr. *Ibid.*, XV, pp. 208-219.—Interesting notes on about 40 species of birds observed in Arizona and Southern California, some of them previously very little known.

458. *Notes on a few of the Diseases and Injuries in Birds.* By R. W. Shufeldt, M. D., U. S. A. *Ibid.*, XV, pp. 283-285.

459. *Value of the House Wren as an Insect Destroyer.* By Charles Aldrich. *Ibid.*, XV, pp. 318, 319.

460. *Our Social Blue Jays.* By Charles Aldrich. *Ibid.*, XV, p. 319.

461. *The English Sparrow in Illinois.* By S. A. Forbes. *Ibid.*, XV, pp. 392, 393.

462. *Red-winged Starlings.* By Charles Aldrich. *Ibid.*, XV, pp. 293, 294.—Observed at Webster City, Iowa, in December.

* List of the Birds of Western Ontario. By J. A. Morden and W. E. Saunders' Canadian Sportsman and Naturalist, Vol. II, Nos. 11 and 12, pp. 183-187, 192-194. November and December, 1882.

† Canadian Sportsman and Naturalist, Vol. III, pp. 198-200, Jan. 1883.

‡ Continued from Bulletin Nuttall Ornithological Club, Vol. VIII, p. 238.

463. *The Indigo Bird*. By Charles Aldrich. *Ibid.*, XV, p. 394.—Not uncommon at Webster City, Iowa.
464. *Birds out of Place*. By Charles Aldrich. *Ibid.*, V, pp. 476, 477.—Red-winged Blackbirds and Robins seen in December and January at Webster City, Iowa.
465. *Curious Instances in the Breeding Habits of the Bluebird*. By A. M. Reynolds. *Ibid.*, XV, p. 478.
466. *The Eastern Snowbird*. By Rev. Samuel Lockwood, Ph. D. *Ibid.*, XV, pp. 518-526.
467. *The Great Crested Flycatcher*. By Mrs. Mary Treat. *Ibid.*, XV, pp. 601-604.
468. *Brief Notes on Some Iowa Birds*. By Charles Aldrich. *Ibid.*, XV, pp. 654-656.—On the Indigo Bird, Robin, and Blue Jay.
469. *Habits of the Yellow-bellied Woodpecker*. By H. C. Bumpus. *Ibid.*, XV, p. 738.
470. *Breeding Habits of the Fish Hawk*. By H. C. Bumpus. *Ibid.*, XV, pp. 809, 810.
471. *Blackbirds* [*Quiscalus æneus*] *Catching Fish*. By Charles Aldrich. *Ibid.*, XV, p. 810.
472. *Unusual Actions of a Hen Turkey*. By John M. Coulter. *Ibid.*, XV, p. 812.
473. *The Blue Gull*. By Charles Aldrich. *Ibid.*, XV, pp. 812, 813.—“A small blue gull” spoken of as following a plowman to devour the “worms and bugs turned up to the surface,” seizing them gracefully “without setting a foot upon the ground.”
474. *Notes on the Migrations of Birds*. By H. D. Minot. *Ibid.*, XV, pp. 870-872.—Based on observations made in Western Connecticut, from October, 1880, to May, 1881.
475. *The Claw on the Index Digit of the Cathartidæ*. By R. W. Shufeldt, M. D. *Ibid.*, XV, pp. 906-908. (Noticed in Bull. N. O. C., VII, 46.)
476. *Braving the “Blizzards.”* By Charles Aldrich. *Ibid.*, XV, p. 903.—Nest with three eggs of “that little winter Snow-bird (*Plectrophanes nivalis*, as I suppose)”—doubtless really *Eremophila alpestris*—found during a “bitter day” in March, near Ames, Iowa.
477. *The Blue Jays*. By Charles Aldrich. *Ibid.*, XV, p. 904.—A permanent resident at Webster City, Iowa (!), and believed to have been seen feeding their young early in May.
478. *Does the Crow Blackbird eat Crayfish?* By F. E. L. Beal. *Ibid.*, XV, pp. 904, 905.—Found to have swallowed “gastroliths, or stomach stones of the crayfish,” hence the question.
479. *Terns as Flycatchers*. By J. E. Todd. *Ibid.*, XV, p. 1005.—*Hydrochelidon lariformis* noticed catching dragonflies.
480. *Does the Crow Blackbird Eat Crayfish?* By Charles Aldrich. *Ibid.*, XVI, pp. 57, 58.—The question answered affirmatively. (See above, No. 478.)
481. *Wild Birds Racing with the Cars*. By Charles Aldrich. *Ibid.*, XVI, p. 58.

482. *The Sparrow Pest in Australia.* By Elliott Coues. *Ibid.*, XVI, pp. 140, 141.
483. *The Claw on the "Index" Finger of the Cathartidæ.* By W. A. Forbes. *Ibid.*, XVI, pp. 141-142.
484. *Nesting Habits of the Horned Lark.* By F. E. L. Beal. *Ibid.*, XVI, pp. 240, 241.—Snow seen "blowing over the nest and mother bird when the weather was as severe as midwinter."
485. *Wild Geese as Pests.* By R. E. C. Stearns. *Ibid.*, XVI, p. 326.—By pulling up the young wheat in the grain fields of the Upper San Joaquin Valley, California.
486. *The Acorn-storing Habit of the California Woodpecker* [*Melanerpes formicivorus*]. By Robert E. C. Stearns. *Ibid.*, XVI, pp. 353-357.
487. *The European House Sparrow.* By Elisha Slade. *Ibid.*, XVI, pp. 402, 403.—On its pugnacity toward other birds, etc.
488. *Habits of the Woodcock.* By F. L. Harvey. *Ibid.*, XVI, pp. 737, 738.—Transporting its young between its feet.
489. *Number of Bones at present known in the Pectoral and Pelvic Limbs of Birds.* By R. W. Shufeldt. *Ibid.*, XVI, pp. 892-895.
490. *Food of the Nestlings of Turdus migratorius.* By Elisha Slade. *Ibid.*, XVI, pp. 1007, 1008.
491. *More Complaints about Passer domesticus.* By J. Schneck. *Ibid.*, XVI, p. 1008.
492. *Habits of the English Sparrow.* By Elliott Coues. *Ibid.*, XVI, p. 1009.
493. *How Bad Weather Affects the Birds.* By Charles Aldrich. *Ibid.*, XVI, p. 1010.
494. *The Nesting of the Black-and-white Creeper.* By A. G. Van Aken. *Ibid.*, XVII, pp. 103-105.
495. *A Bewildered Snow-Bird.* By Charles Aldrich. *Ibid.*, XVII, p. 105.
496. *A Study of the Immature Plumage of the North American Skrikes, to show their Descent from a Common Progenitor.* By Thomas H. Streets, M. D. *Ibid.*, XVII, pp. 389-391.
497. *A many-named Bird* [*Botaurus lentiginosus*]. By J. E. Todd. *Ibid.*, XVII, pp. 431, 432.—Reference to its various vernacular names.
498. *The Hairy Woodpecker.* By A. G. Van Aken. *Ibid.*, XVII, pp. 511-515.—On the habits of *Picus villosus*.
499. *The Hairy Woodpecker, a correction.* By T. J. Burrill. *Ibid.*, XVII, p. 673.—Relates to the article last cited.
500. *The Power of Scent in the Turkey Vulture* [*Cathartes aura*]. By Samuel N. Rhoads. *Ibid.*, XVII, pp. 829-833.
501. *King-birds, Tyrannus intrepidus, feeding their young upon Fruit* By Elisha Slade. *Ibid.*, XVII, pp. 887-888.
502. *The English Sparrow in Canada.* By T. McIlwraith. *Ibid.*, XVII, pp. 894-895.—Their attacks on various native birds, and destruction of fruit-buds of grapes.
503. *Gallant Conduct of a Robin.* By Samuel Lockwood. *Ibid.*, XVII, p. 1307.

The 'Canadian Sportsman and Naturalist,' Volumes I and II.* Jan. 1881, Dec. 1882, contains the following (Nos. 504-522):—

504. *The Barred Owl* [*Syrnium nebulosum*]. By R. Rowe. *Canadian Sportsman and Naturalist*, Vol. I, p. 27.—Its abundance at St. John, N. B., in the winter of 1880-81. Notes also the capture there of various other species.

505. *Bird Nesting in Labrador* [Editorial?]. *Ibid.*, I, pp. 50-52.—Relates chiefly to water birds breeding on the coast of Labrador.

506. *Rare Birds in Canada*. By C. [=W. Couper]. *Ibid.*, I, p. 68.—"Blue Bunting (*Cyanospiza parellina* [sic])" and Yellow-headed Blackbird, the latter at Godbout, Lower St. Lawrence. Also at same place *Parus hudsonicus* nesting.

507. *Canadian Birds. List of Birds obtained and observed by Professor Macoun at and near the City of Belleville, County Hastings, Ontario, in the Spring of A. D. 1881, with remarks by Professor F. T. Bell, of Albert University.* *Ibid.*, I, pp. 84, 86.—A nominal list of 75 species. A note follows, signed "C." (=W. Couper), criticising the nomenclature of the list (that of Dr. Jordan's well-known 'Manual'), in which the writer displays surprising ignorance of the subject, he apparently having heard of nothing later bearing on it than Baird's 'Report' of 1858! To these strictures Professor Bell makes a fitting reply (*Ibid.*, I, p. 95).

508. *Ornithology of the Island of Montreal.* By Ernst D. Wintle. *Ibid.*, II, pp. 108-110, 116, 117.—A briefly annotated list of 168 species, based on observations covering seven years.

509. *The Red Crossbill* (*Loxia Curvirostra.* — *Lin.*). By J. H. Garnier. *Ibid.*, II, pp. 111, 112.—Habits and nesting near Lucknow, Ont.

510. *Ornithological Queries.* By C. [=W. Couper]. *Ibid.*, II, pp. 115, 116, 136, 141, 175.—Respecting the nesting habits and distribution of many of the rarer birds of Canada.

511. *The Nidification of Nuthatches.* By W. W. Dunlop. *Ibid.*, pp. 122, 123, 137, 138.

512. *Reply to Ornithological Queries.* *Ibid.*, II, pp. 123, 124. Two articles by respectively Wm. L. Kells and Harold Gilbert. They relate to the Whippoorwill, Winter Wren, Hudsonian Titmouse, and Red-bellied Nuthatch.

513. *Notes on the Natural History of Lucknow, Ont.* By J. H. Garnier. *Ibid.*, II, pp. 125, 126.—Contains notes on some of the rarer Waders and Swimmers.

514. *Supposed Nests of the Crossbill* [*Loxia curvirostra*]. By W. L. Kells. *Ibid.*, II, pp. 138.—Near Listowel, Ont.

* The Canadian Sportsman and Naturalist: A Monthly Journal, Vol. I, Jan. 1881-Dec. 1881, 8vo., pp. 1-96, Montreal, Can.: William Couper, Editor; W. W. Dunlop, Assistant Editor. Vol. II, pp. 97-196, 1882, Montreal, Can.: William Couper, Editor. The first volume of this periodical was devoted largely to sporting matters, particularly hunting and fishing, contained very little about ornithology, and this mostly of slight value. More space is given in volumes II and III to natural history, with a marked increase in the quantity and great improvement in the quality of the ornithological matter.

515. *Sitta canadensis*. By Harold Gilbert. *Ibid.*, II, p. 138. — On its nesting and northern winter limit.

516. [*Whippoorwill*]. By W. L. Scott. *Ibid.*, II, 138, 139. — Its nesting and range in Canada.

517. *The Birds of Prey of Nova Scotia*. By J. Bernard Gilpin. A. B., M. D., M. R. C. S. *Ibid.*, II, pp. 139, 140, 153-155.

518. [*Whistling Swan* (*Cygnus americanus*), etc.]. By Harold Gilbert. *Ibid.*, II, p. 144. — Its capture near St. John, N. B., and notes on several winter birds.

519. *Tit Lark* (*Anthus ludovicianus*). By Chas. J. G. Fraser. *Ibid.*, II, p. 152. — Nesting near Galts, Ont. Thought to be the "Shore Lark (*Eremophila cornuta*)" by W. E. Saunders (*Ibid.*, p. 163).

520. *Rare Birds in Ontario*. By John A. Morden. *Ibid.*, II, pp. 162, 163. — Relates chiefly to the Lapland Longspur, at Mitchel's Bay, Ont.

521. *List of the Birds of Western Ontario*. By J. A. Morden and W. E. Saunders. *Ibid.*, II, pp. 183-187, 192-194. — An annotated list of 236 species. (Already noticed *antea*, p. 85.)

522. *Canadian Oölogy*. By Wm. L. Kells. *Ibid.*, II, pp. 195, 196. — Brief informal reference to various species.

Publications Received.—Shufeldt, R. W. Observations upon the Osteology of *Podasocys montanus*. (Journ. Anat. and Phys., Vol. XVIII.)

Coues, E. A Hearing of Birds' Ears. (Science, Vol. II, Nos. 34, 38, 39.)

Morden and Saunders, List of the Birds of Western Ontario. (Canad. Sports. and Nat., 1882, Nos. 11, 12.)

McIlwraith, T. [Birds of Western Ontario.] (*Ibid.*, 1883, No. 1.)

Stearns, W. A. Notes on the Natural History of Labrador. (Proc. U. S. Nat. Mus., 1883.)

Stejneger, L. On the Systematic Arrangement of the American Turdidæ. (*Ibid.*, 1882.)

Collett, R. *Ardetta minuta*, *Sterna cantianca*, og *Larus minutus*, nye for Norges Fauna. (Vid.-Selsk. Forh., 1883.)

Nelson, E. W. The Birds of Bering Sea and the Arctic Ocean. (Cruise of the 'Corwin,' 1883.)

Bulletin of the Essex Institute, Vol. XIV, Nos. 7-12.

American Naturalist, Vol. XVIII, No. 1, Jan. 1884.

Zoölogist, Dec. 1883.

Ornithologist and Oölogist, Jan. 1884.

Science Record, Vol. II, No. 1.

Bulletin of the Nat. Hist. Soc. of New Brunswick, No. 2, 1883.

Ann. Rep. Mus. Comp. Zoölogy, 1882-3.